Abstract

In a load measuring mechanism capable of easily adjusting a positional deviation error by means of a positional deviation error adjusting portion, a load receiving portion 3 is connected to a substrate portion 2 by means of parallel link portions 4a, 4b via flexures 5a-5d, a finely deformable portion 2a is provided at an upper portion of the substrate portion 2, and the flexure 5a is coupled with the deformable portion 2a. Positional deviation error adjusting portions 10are provided on both sides of the substrate portion 2, a base portion 12 of the positional deviation error adjusting portion 10 is connected to a first lever 13 via a fulcrum 15, and the first lever 13 is coupled with a second lever 14 via a flexible portion 16. When a distance between the base portion 12 and the first lever 13 is increased by rotating an adjusting bolt 11, this displacement is transferred to an end 14a of the second lever 14. Then, a deviation force is applied to the flexure 5a by means of an end 14b of the second lever 14 secured between the deformable portion 2a and the flexure 5a such that a height of the flexure 5a is changed to adjust the positional deviation error.